

# Manhole Inspection Summary

Manhole # S19I\_\_041MH

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**Inspection** ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **19I** Node: **041** Status: **Found**

Insp Date: **2/29/08 12:54 PM**

Incomplete Comments

Crew: **REI**  
Inspector: **abright**  
Firm: **ATS**

**Location** Address: **16 calverton st**

Cross Street: **booth-hollins alley**

**Manhole** Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

**Cover**

Shape: **Circular**

Diameter: **24** (in.) Length: **0** (in.) Dist A/B Grade: **2** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame**

Offset: **2** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

**Chimney / Frame Adjustment**

☒ Exists Material: **Brick**

☐ Parged Height: **2** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Corbel**

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

**Barrel**

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **48** (in.) Length: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Bench**

☒ Exists Material: **Brick**

☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Channel**

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **1** nearest .5 ft. Azimuth: **180**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Steps**

Count: **7** Missing: **0** ☒ **Corroded**

**Surcharge**

☐ Evidence Of Surcharge Depth: **0** (ft.) ☐ Active Surcharge Present

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Location View



Top View



Misc



above grade

Defect 5



cracked chimney

Defect 4



infiltration of the corbel wall

Defect 3



frame offset

### Defect 2



corroded steps

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8 in. Circular Gravity Sewer  
Pipe Out @ 12 OClock

12 O'Clock Outflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay** ☐ Pipe Lined  
Invert Depth: **10.99** (ft.) Flow Characteristics: **Slow**  
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ **Debris** ☐ Grease  
Silt Depth: **0** (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer  
Pipe In @ 6 OClock

6 O'Clock Inflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay** ☐ Pipe Lined  
Invert Depth: **8.04** (ft.) Flow Characteristics: **Fast**  
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ **Debris** ☐ Grease  
Silt Depth: **0** (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop In @ 6 OClock



Drop: **Outside** Rod and Bar  
Angled: **Yes** Reading: **9.54** (ft.)  
Inv Depth: **10.54** (ft.)  
Drop Condition: **Open**

Connects To: **Manhole**

☐ Possible Illicit Connection

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6 in. Circular Gravity Sewer

9 O'Clock Inflow

Pipe In @ 9 O'Clock



Pipe Height: **7.2** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **10.30** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: **2** (in.) Deposits Extent: **Light**

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection